

MOLECULAR DELIVERY VEHICLE FOR DELIVERY
OF SELECTED COMPOUNDS TO TARGETS

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ABSTRACT OF THE DISCLOSURE

The present invention is directed to a molecular delivery vehicle for delivery of compounds to a target, comprising: (a) a carrier for carrying the compounds; (b) an adapter covalently linked to the carrier; and (c) a targeting protein comprising a recognition portion and a targeting portion, the recognition portion capable of binding to the adapter, the targeting portion capable of binding to the target. The present invention is also directed to pharmaceutical compositions including the above molecular delivery vehicle, and methods of delivering therapeutic, diagnostic, or research compounds to selected targets using the molecular delivery vehicle.

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